Amendments to the Specification

Please replace paragraph [1] on page 1 with the following new paragraph:

The present invention relates to a CDMA mobile communication system, and more particularly to a method and system for setting up a call in a CDMA mobile communication system.

Please replace paragraph [4] on page 2 with the following new paragraph:

A typical CDMA mobile communication system is provided with mobile stations (MS), base ~~station transceivers~~ transceiver stations (BTS), base station controllers (BSC), a mobile switching center (MSC), and a home location register (HLR). The MS provides a terminal function for a subscriber to receive mobile communication service. The MS makes a random access in response to initiation of an originating signal and call, performs a home location registration and system information broadcasting, and receives an origination signal in a standby mode. It further provides a priority call connection and quality measurement of a communication link and links of adjacent cells.

Please replace paragraph [9] on page 4 with the following new paragraph:

A circuit data call or a packet data call can be provided for a data call in the CDMA mobile communication system. The circuit data in a range of ~~14,4bps – 64bps~~ 14.4kbps –

64kbps is processed in interlock of the MSC 18 and the IWF 20, and the PDSN 23 provides a service to process a packet data of ~~144k or 384k~~ 144kbps or 384kbps class.

Please replace paragraph [11] on page 4 with the following new paragraph:

Additionally, in the packet data service, the call control required for real time data routing to anywhere on the Internet for real time data transmission between users on the Internet through the PDSN is not available. Furthermore, the packet data service made available by ~~means of~~ the PDSN is not suitable for transmitting fast data in real time between users, such as a picture telephone. Instead, it is limited to an Internet connection.

Please replace paragraph [16] on page 5 with the following new paragraph:

To further provide at least the above objects, in whole or in parts, there is provided a system for setting up a call in a CDMA mobile communication system, including origination and termination mobile stations, at least one first BTS (Base ~~Station~~ Transceiver Station) for making radio interface with the origination mobile station, an origination BSC for managing and controlling the first BTS, at least one second BTS for making radio interface with the termination mobile station, termination BSC for managing and controlling the second BTS, an MSC for controlling calls of the origination BSC and the termination BSC, a home location register connected to the MSC for storage and processing position information for paging

subscribers of the mobile stations; and a router for setting a direct link between the origination side BSC and the termination side BSC for setting a video data call.

Please replace paragraph [19] on page 7 with the following new paragraph:

To further provide at least the above objects, in whole or in parts, there is provided a mobile communication system, including origination and termination mobile stations, at least one first Base ~~Station~~ Transceiver ~~(BST)~~ Station (BTS) to form a radio interface with the origination mobile station, an origination BSC configured to manage and control the first BTS, at least one second BTS to form a radio interface with the termination mobile station, a termination BSC configured to manage and control the second BTS, a mobile switching center (MSC) to control calls of the origination BSC and the termination BSC, a home location register connected to the MSC for storage and processing position information for paging subscribers of the mobile stations, and a router to establish a direct link between the origination side BSC and the termination side BSC to a video data call.

Please replace paragraph [29] on page 9 with the following new paragraph:

A method for setting up a call in the foregoing CDMA mobile communication system of the present invention will be described. First, a subscriber of the origination side mobile station 30 initiates a call by providing an International Mobile Subscription ~~Identifier~~ Identity

(IMSI) of the termination side mobile station 31. The origination side mobile station 30 thus establishes a radio interface with the first BTS 32 or the second BTS 33 of the cell region in which the mobile station is located. The BSC 36 manages and controls the first BTS 32 or the second BTS 33 with which the origination side mobile station 30 has made the radio interface.

Please replace paragraph [30] on page 10 with the following new paragraph:

The MSC 38 provides a mobile communication service through the origination BCS 36. The MSC 38 thus confirms positional information of the termination side mobile station 31 that the origination side mobile station 30 is attempting to call, and sets up the call between the origination side mobile station 30 and the termination side mobile station 31. The call is preferably set up through the termination side BSC 37 at the position indicated by the positional information and either the third BTS 34 or the fourth BTS 35 under the control of the termination side BSC 37.

Please replace paragraph [35] on page 12 with the following new paragraph:

Referring next to Figure 4, the steps of a bearer pass set up in a method for setting up a call in a CDMA mobile communication system of the preferred embodiment will be described. Upon reception of a call set up message, including the newly defined real time

data service option and termination digits, the origination BSC sends a request message for a ~~Configuration~~ Connection Management (CM) service to an origination side of the MSC. This message, which is a call set up request, is sent through the control path channel (S20). As a result of the request, the MSC interprets the termination number included from the origination side, refers to the HLR to find a position of the termination mobile station, and sends a paging request message, which includes the newly defined real time data service option, from the MSC to the termination side BSC through the control path channel (S21). The origination side of the MSC, which requests the mobile station for a radio link set up resource according to IS-2000 CAI, also requests the origination BSC for a resource assignment through the control path channel (S22).

Please replace paragraph [44] on page 16 with the following new paragraph:

For example, by using a direct path between an origination BSC and a termination BSC, traffic resources of the MSC are prevented from being wasted, and use of the complex multiple ~~64k~~ 64kbps resources is avoided.